



Control Number: 51415



Item Number: 279

Addendum StartPage: 0

SOAH DOCKET NO. 473-21-0538
PUC DOCKET NO. 51415

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APPLICATION OF SOUTHWESTERN §
ELECTRIC POWER COMPANY FOR §
AUTHORITY TO CHANGE RATES §
BEFORE THE STATE OFFICE
OF
ADMINISTRATIVE HEARINGS



**SOUTHWESTERN ELECTRIC POWER COMPANY'S RESPONSE TO TEXAS
INDUSTRIAL ENERGY CONSUMERS' ELEVENTH SET OF REQUEST FOR
INFORMATION**

MARCH 29, 2021

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**SOUTHWESTERN ELECTRIC POWER COMPANY'S RESPONSE TO TEXAS
INDUSTRIAL ENERGY CONSUMERS' ELEVENTH SET OF REQUESTS FOR
INFORMATION**

Question No. TIEC 11-1:

Referring to SWEPCO's Response to TIEC 5-1:

- a. Please provide all documents and workpapers supporting the \$5.7 million estimated dollar impact in EXCEL format with all formulas and links intact.
- b. Please provide a schedule listing each Texas retail customer (mapped by customer class) and the amount of load served from behind-the-meter generation that was included in determining the \$5.7 million for each month of the test year.

Response No. TIEC 11-1:

- a. Please see TIEC 11-1 Attachments 1-3 for documents supporting the \$5.7 million estimated dollar impact.
- b. One customer in the LLP Transmission class was included in determining the \$5.7 million impact for the test year.

TIEC 11-1 HIGHLY SENSITIVE Attachments 1 -3 responsive to this request is HIGHLY SENSITIVE PROTECTED MATERIAL under the terms of the Protective Order. Due to current restrictions associated with COVID-19, this information is being provided electronically and a secure login to access the information will be provided upon request to individuals who have signed the Protective Order Certification.

Prepared By: Earlyne T. Reynolds

Title: Reg Pricing & Analysis Mgr

Sponsored By: Jennifer L. Jackson

Title: Reg Pricing & Analysis Mgr

Sponsored By: John O. Aaron

Title: Dir Reg Pricing & Analysis

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Question No. TIEC 11-2:

Referring to SWEPCO's Response to TIEC 5-2:

- a. Please confirm that the LLP Transmission class monthly coincident peak demand reflects the retail load served from behind-the-meter generation on the day and hour of the SPP Zone 1 coincident peak. If not confirm, please explain why not.
- b. Please provide documents showing that the SCADA information is acquired from metering equipment that measures the customer's actual load.

Response No. TIEC 11-2:

- a. Qualified confirmed. The LLP Transmission class monthly coincident peak demand is the load from behind-the-meter generation on the day and hour of the SPP Zone 1 coincident peak that is reflected in the monthly load ratio share for billing of transmission services to SWEPCO from SPP.
- b. Please see TIEC 11-2 HIGHLY SENSITIVE Attachment 1 for load data reflecting the customers SPP load.

TIEC 11-2 HIGHLY SENSITIVE Attachment 1 responsive to this request is HIGHLY SENSITIVE PROTECTED MATERIAL under the terms of the Protective Order. Due to current restrictions associated with COVID-19, this information is being provided electronically and a secure login to access the information will be provided upon request to individuals who have signed the Protective Order Certification.

Prepared By: Earlyne T. Reynolds

Title: Reg Pricing & Analysis Mgr

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Sponsored By: John O. Aaron

Title: Dir Reg Pricing & Analysis

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Question No. TIEC 11-3:

Referring to SWEPCO's Response to TIEC 5-3(e), please confirm that SWEPCO is not including all Texas retail load served from behind-the-meter generation. If not confirm, please explain why not.

Response No. TIEC 11-3:

Confirmed. All service taken from or served by SWEPCO is considered retail load.

Prepared By: Ronald R. Ross

Title: Designer Prin

Sponsored By: Chad M. Burnett

Title: Dir Economic Forecasting

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**SOUTHWESTERN ELECTRIC POWER COMPANY'S RESPONSE TO TEXAS
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Question No. TIEC 11-4:

Please identify all Texas retail customers by customer class that utilize behind-the-meter generation to serve all or a portion of the customers' loads.

Response No. TIEC 11-4:

Please see TIEC 11-4 Attachment 1.

Prepared By: Christopher N. Martel

Title: Regulatory Consultant Sr

Sponsored By: Drew W. Seidel

Title: VP Dist Region Ops

Sponsored By: Paul E. Pratt

Title: Dir Customer Svcs & Mktg

Class	Service Voltage Level	Service Type	Total Generation Capacity kW (AC)	Generator A Technology	Generator A Fuel	Generator A Type
IPP	T	Purchase Power	440,000.0	Internal combustion	Natural gas	Synchronous
Ind	T	Cogen	83,700.0	Steam turbine	Wood waste	Synchronous
Ind	D	Purchase Power	5,000.0	Steam turbine	Wood waste	Synchronous
Ind	D		372.0	Photovoltaic	Solar	Inverter
Com	D	Cogen - Option 2	72.0	Photovoltaic	Solar	Inverter
Com	D	Cogen - Option 2	60.0	Internal combustion	Waste gas	Inverter
Com	D	Cogen - Option 2	42.0	Photovoltaic	Solar	Inverter
Com	D	Cogen - Option 2	38.0	Photovoltaic	Solar	Inverter
Com	D	Cogen - Option 2	36.0	Photovoltaic	Solar	Inverter
Com	D	Cogen - Option 2	34.0	Photovoltaic	Solar	Inverter
Com	D	Cogen - Option 2	22.8	Photovoltaic	Solar	Inverter
Com	D	Cogen - Option 2	22.0	Photovoltaic	Solar	Inverter
Com	D	Cogen - Option 2	21.6	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	20.0	Photovoltaic	Solar	Inverter
Res	D		19.2	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	19.0	Photovoltaic	Solar	Inverter
Res	D	Net Metering	19.0	Photovoltaic	Solar	Inverter
Res	D	Net Metering	18.5	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	18.0	Photovoltaic	Solar	Induction
Res	D	Cogen - Option 2	18.0	Photovoltaic	Solar	Inverter
Res	D		16.6	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	15.4	Photovoltaic	Solar	Inverter

Class	Service Voltage Level	Service Type	Total Generation Capacity kW (AC)	Generator A Technology	Generator A Fuel	Generator A Type
Res	D		15.0	Photovoltaic	Solar	Inverter
Res	D		14.4	Photovoltaic	Solar	Inverter
Com	D	Cogen - Option 2	14.1	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	14.0	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	14.0	Photovoltaic	Solar	Inverter
Res	D	Net Metering	13.4		Solar	Inverter
Res	D		13.3	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	13.0	Photovoltaic	Solar	Inverter
Res	D		12.8	Photovoltaic	Solar	Inverter
Res	D	Net Metering	12.7	Photovoltaic	Solar	Inverter
Res	D	Net Metering	12.7	Photovoltaic	Solar	Inverter
Res	D		12.5	Photovoltaic	Solar	Inverter
Com	D	Cogen - Option 2	12.2	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	12.0	Photovoltaic	Solar	Inverter
Res	D	Net Metering	12.0	Photovoltaic	Solar	
Com	D	Cogen - Option 2	12.0	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	12.0	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	12.0	Photovoltaic	Solar	Inverter
Res	D	Net Metering	12.0	Photovoltaic	Solar	Inverter
Res	D	Net Metering	12.0	Photovoltaic	Solar	Inverter
Com	D	Cogen - Option 2	12.0	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	12.0	Photovoltaic	Solar	Inverter
Res	D	Net Metering	11.4	Photovoltaic		Inverter
Res	D	Cogen - Option 2	11.4	Photovoltaic	Solar	Inverter
Res	D		11.4	Photovoltaic	Solar	Inverter
Res	D		11.4	Photovoltaic	Solar	Inverter
Res	D		11.4	Photovoltaic	Solar	Inverter

Class	Service Voltage Level	Service Type	Total Generation Capacity kW (AC)	Generator A Technology	Generator A Fuel	Generator A Type
Res	D		11.0	Photovoltaic	Solar	Inverter
Res	D	Net Metering	11.0	Photovoltaic	Solar	Inverter
Com	D	Cogen - Option 2	11.0	Photovoltaic	Solar	Inverter
Res	D	Net Metering	11.0	Micro turbine	Solar	Inverter
Res	D	Net Metering	10.7	Photovoltaic	Solar	Inverter
Res	D	Net Metering	10.7	Photovoltaic	Solar	Inverter
Res	D	Net Metering	10.7	Photovoltaic	Solar	Inverter
Res	D		10.6	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	10.5	Photovoltaic	Solar	Inverter
Res	D		10.3	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	10.2	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	10.0	Photovoltaic	Solar	Inverter
Res	D	Net Metering	10.0	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	10.0	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	10.0	Photovoltaic	Solar	Inverter
Res	D	Net Metering	10.0	Photovoltaic	Solar	Inverter
Res	D	Net Metering	10.0	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	10.0	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	10.0	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	10.0	Wind turbine	Wind	Inverter
Res	D	Cogen - Option 2	10.0	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	10.0	Photovoltaic	Solar	Inverter
Res	D		10.0	Photovoltaic	Solar	Inverter
Com	D	Cogen - Option 2	9.6	Photovoltaic	Solar	Inverter
Res	D	Net Metering	9.5	Photovoltaic	Solar	Inverter
Res	D		9.5	Photovoltaic	Solar	Inverter

Class	Service Voltage Level	Service Type	Total Generation Capacity kW (AC)	Generator A Technology	Generator A Fuel	Generator A Type
Res	D	Cogen - Option 2	9.4	Photovoltaic	Solar	Inverter
Res	D	Net Metering	9.2	Photovoltaic	Solar	Inverter
Res	D		8.8	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	8.7	Photovoltaic	Solar	Inverter
Res	D		8.7	Photovoltaic	Solar	Inverter
Res	D	Net Metering	8.6	Photovoltaic	Solar	Inverter
Res	D		8.4	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	8.2	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	8.2	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	8.2	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	8.1	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	8.0	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	7.9	Photovoltaic	Solar	Inverter
Res	D		7.8	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	7.7	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	7.7	Photovoltaic	Solar	Inverter
Res	D	Net Metering	7.7	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	7.7	Photovoltaic	Solar	Inverter
Res	D		7.7	Photovoltaic	Solar	Inverter
Res	D		7.7	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	7.6	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	7.6	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	7.6	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	7.6	Photovoltaic	Solar	Inverter

Class	Service Voltage Level	Service Type	Total Generation Capacity kW (AC)	Generator A Technology	Generator A Fuel	Generator A Type
Res	D	Net Metering	7.6	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	7.6	Photovoltaic	Solar	Inverter
Res	D		7.6	Photovoltaic	Solar	Inverter
Res	D		7.6	Photovoltaic	Solar	Inverter
Res	D		7.6	Photovoltaic	Solar	Inverter
Res	D		7.6	Photovoltaic	Solar	Inverter
Res	D		7.5	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	7.5	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	7.3	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	7.3	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	7.1	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	7.1	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	7.0	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	7.0	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	7.0	Photovoltaic	Solar	Inverter
Res	D		7.0	Photovoltaic	Solar	Inverter
Res	D	Net Metering	6.8	Photovoltaic	Solar	Inverter
Res	D		6.7	Photovoltaic	Solar	Inverter
Res	D	Net Metering	6.5	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	6.5	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	6.5	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	6.4	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	6.3	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	6.2	Photovoltaic	Solar	Inverter

Class	Service Voltage Level	Service Type	Total Generation Capacity kW (AC)	Generator A Technology	Generator A Fuel	Generator A Type
Res	D	Cogen - Option 2	6.2	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	6.0	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	6.0	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	6.0	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	6.0	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	6.0	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	6.0	Photovoltaic	Solar	Inverter
Com	D	Cogen - Option 2	6.0	Photovoltaic	Solar	Inverter
Com	D	Cogen - Option 2	6.0	Photovoltaic	Solar	Inverter
Res	D		6.0	Photovoltaic	Solar	Inverter
Res	D		6.0	Photovoltaic	Solar	Inverter
Res	D		5.8	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	5.4	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	5.4	Photovoltaic	Solar	Inverter
Res	D	Net Metering	5.4	Photovoltaic	Solar	Inverter
Res	D		5.2	Photovoltaic	Solar	Inverter
Res	D		5.2	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	5.2	Photovoltaic	Solar	Inverter
Res	D		5.2	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	5.0	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	5.0	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	5.0	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	5.0	Photovoltaic	Solar	Inverter

Class	Service Voltage Level	Service Type	Total Generation Capacity kW (AC)	Generator A Technology	Generator A Fuel	Generator A Type
Res	D	Cogen - Option 2	5.0	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	5.0	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	5.0	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	5.0	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	5.0	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	5.0	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	5.0	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	5.0	Photovoltaic	Solar	Inverter
Res	D	Net Metering	5.0	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	5.0	Photovoltaic	Solar	Inverter
Res	D	Net Metering	5.0	Photovoltaic	Solar	Inverter
Res	D		5.0	Photovoltaic	Solar	Inverter
Res	D		5.0	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	4.8	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	4.8	Photovoltaic	Solar	Inverter
Res	D		4.1	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	4.0	Photovoltaic	Solar	Inverter
Com	D	Cogen - Option 2	4.0	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	4.0	Photovoltaic	Solar	Inverter
Com	D	Cogen - Option 2	4.0	Photovoltaic	Solar	Inverter
Res	D	Net Metering	4.0	Photovoltaic	Solar	
Res	D	Cogen - Option 2	4.0	Photovoltaic	Solar	Inverter

Class	Service Voltage Level	Service Type	Total Generation Capacity kW (AC)	Generator A Technology	Generator A Fuel	Generator A Type
Com	D	Cogen - Option 2	4.0	Photovoltaic	Solar	Inverter
Res	D	Net Metering	4.0	Photovoltaic	Solar	Inverter
Res	D		3.8	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	3.6	Photovoltaic	Solar	Inverter
Res	D		3.6	Photovoltaic	Solar	Inverter
Res	D		3.5	Photovoltaic	Solar	Inverter
Com	D	Cogen - Option 2	3.0	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	3.0	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	3.0	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	3.0	Photovoltaic	Solar	Inverter
Res	D		2.9	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	2.4	Photovoltaic	Solar	Inverter
Res	D		2.3	Photovoltaic	Solar	Inverter
Res	D		2.3	Photovoltaic	Solar	Inverter
Com	D	Cogen - Option 2	2.0	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	1.5	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	1.5	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	1.5	Photovoltaic	Solar	Inverter
Res	D	Cogen - Option 2	1.1	Photovoltaic	Solar	Inverter

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Question No. TIEC 11-5:

Referring to SWEPCO's Response to TIEC 5-6, please state the net load (i.e., total retail customer load less the load served from each retail customer's behind-the-meter generation) actually served by SWEPCO during the test year that occurred coincident with:

- a. SWEPCO's monthly system peak system peak.
- b. The SPP Load Zone 1 monthly system peak.

Response No. TIEC 11-5:

Please see SWEPCO's response to TIEC 11-1.

Prepared By: Earlyne T. Reynolds

Title: Reg Pricing & Analysis Mgr

Sponsored By: John O. Aaron

Title: Dir Reg Pricing & Analysis

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Question No. TIEC 11-6:

Referring to SWEPCO's Response to TIEC 5-7:

- a. Please provide documents and explain the statement that SWEPCO designs its transmission system to ensure that it can meet the peak requirements of each customer on a stand-alone basis.
- b. Does SWEPCO use different criteria for building (as opposed to designing) the transmission system? Explain your response.

Response No. TIEC 11-6:

- a. New delivery point additions are studied in coordination with the Southwest Power Pool (SPP) pursuant to Attachment AQ of the SPP OATT (attached as TIEC 11-6 Attachment 1). Addendum 1 of Attachment AQ lists the data that SPP and the Host Transmission Owner require in order to perform the load connection study (LCS) and Delivery Point Network Study (DPNS), if required. As indicated in Addendum 1, the initial load requesting interconnection and a ten-year load forecast are required in order to assess the impacts and corresponding needs on the transmission system. These loads will include the non-coincident peak loads for the requesting entity. The power flow models utilized to perform the transmission assessment include a suite of SPP Base Reliability (BR) models. The BR models are developed through the SPP Model Development Working Group (MDWG) and include the Load Serving Entity (LSE) non-coincident (with SPP) peak loads as described in the SPP Integrated Transmission Planning (ITP) manual (also attached as TIEC 11-6 Attachment 2). In short, the new load to be interconnected is studied at its maximum non-coincident peak (hence the statement regarding peak requirements of each customer on a stand-alone basis), while the remaining loads within the LSE's system are modeled coincident with the LSE peak load (but non-coincident with the SPP peak load). The direct connection facilities required to integrate a new load are also sized to meet the non-coincident peak load of the customer. As described in the SPP ITP manual, ongoing reliability studies conducted pursuant to the annual SPP ITP process utilize the LSE non-coincident (with SPP) peak loads. The loads within each LSE's system are modeled as coincident with the LSE peak load for the time period and season under study.

- b. No. Transmission system needs and associated transmission upgrades are planned, designed and constructed consistently in order to meet customer requirements and provide reliable service that meets all applicable NERC, SPP and AEP reliability criterion.

Prepared By: William M. Romine

Title: Regulatory Consultant Staff

Sponsored By: Wayman L. Smith

Title: Dir Trans Planning

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**SOUTHWESTERN ELECTRIC POWER COMPANY'S RESPONSE TO TEXAS
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Question No. TIEC 11-7:

Referring to the Proof of Revenue Workbook for the LLP Transmission class, please provide a breakdown of the revenues and billing determinants at both present and proposed rates for each customer that serves all or a portion of its load with behind-the-meter generation.

Response No. TIEC 11-7:

Please see TIEC 11-7, Attachment 1, for billing determinant and revenue data for customers taking As-Available, Maintenance, or Backup service, and the proposed Synchronized Self Generation rate in conjunction with LLP Transmission service during the test year.

Prepared By: Earlyne T. Reynolds

Title: Reg Pricing & Analysis Mgr

Sponsored By: Jennifer L. Jackson

Title: Reg Pricing & Analysis Mgr

Sponsored By: John O. Aaron

Title: Dir Reg Pricing & Analysis

SOUTHWESTERN ELECTRIC POWER COMPANY

	Basis Amt	201904	201905	201906	201907	201908	201909	201910	201911	201912	202001	202002	202003	Total
344 LARGE LTG & POWER-TRANS 138 KV														
DM34B BACK UP DEMAND CHARGE (MANB)		0	0	0	0	0	196 140		0	0	0	0	0	196 140
DM34C BACK UP KW RESERVATION DM CHARGE (MANB)		8 180	160 000	160 000	160 000	160 000	120 777	160 000	160 000	160 000	160 000	160 000	160 000	1 729 252
DM34D MAINTENANCE POWER DEMAND CHARGE (MANB)		1 212 160	0	0	0	0	0	0	0	0	0	0	0	1 212 160
DM34E MAINTENANCE KW RESERVATION DM (MANB)		0	30 000	30 000	30 000	30 000	30 000	60 000	30 000	0	30 000	60 000	0	330 000
DM34F AS AVAILAB E DEMAND CHARGE (MANB)		0	30 000	15 000	30 000	30 000	25 000	35 000	10 000	0	0	15 000	0	190 000

Sales of Electricity

	201904	201905	201906	201907	201908	201909	201910	201911	201912	202001	202002	202003	Total	Proposed Change in revenue *
344 LARGE LTG & POWER-TRANS 138 KV														
DM34B BACK UP DEMAND CHARGE (MANB)	\$0 00	\$0 00	\$0 00	\$0 00	\$0 00	\$70 610 40		\$0 00	\$0 00	\$0 00	\$0 00	\$0 00	\$70 610 40	\$81 407 44
DM34C BACK UP KW RESERVATION DM CHARGE (MANB)	\$12 211 20	\$230 400 00	\$230 400 00	\$230 400 00	\$230 400 00	\$173 911 68	\$230 400 00	\$230 400 00	\$230 400 00	\$230 400 00	\$230 400 00	\$230 400 00	\$2 480 122 88	\$2 870 887 57
DM34D MAINTENANCE POWER DEMAND CHARGE (MANB)	\$206 067 20	\$0 00	\$0 00	\$0 00	\$0 00	\$0 00	\$0 00	\$0 00	\$0 00	\$0 00	\$0 00	\$0 00	\$206 067 20	\$237 576 04
DM34E MAINTENANCE KW RESERVATION DM (MANB)	\$0 00	\$21 600 00	\$21 600 00	\$21 600 00	\$21 600 00	\$21 600 00	\$43 200 00	\$21 600 00	\$0 00	\$21 600 00	\$43 200 00	\$0 00	\$237 600 00	\$273 931 42
DM34F AS AVAILAB E DEMAND CHARGE (MANB)	\$0 00	\$15 300 00	\$7 650 00	\$15 300 00	\$15 300 00	\$12 750 00	\$17 850 00	\$5 100 00	\$0 00	\$0 00	\$7 650 00	\$0 00	\$98 900 00	\$111 716 98
Proposed New Charge**														
PROPOSED SYNCHRONIZED SELF GENERATION BASIS	150 000	150 000	150 000	150 000	150 000	150 000	150 000	150 000	150 000	150 000	150 000	150 000	1 800 000	
\$2 20 PROPOSED SYNCHRONIZED SELF GENERATION CHARGE	\$330 000 00	\$330 000 00	\$330 000 00	\$330 000 00	\$330 000 00	\$330 000 00	\$330 000 00	\$330 000 00	\$330 000 00	\$330 000 00	\$330 000 00	\$330 000 00	\$3 960 000 00	

*The proposed change in revenue is based on the present test year revenue plus the LLP transmission class proposed increase percentage amount for each service

**The proposed Synchronized Self Generation charge is the based on synchronized self-generation kW * the proposed rate of \$2.20

**SOAH DOCKET NO. 473-21-0538
PUC DOCKET NO. 51415**

**SOUTHWESTERN ELECTRIC POWER COMPANY'S RESPONSE TO TEXAS
INDUSTRIAL ENERGY CONSUMERS' ELEVENTH SET OF REQUESTS FOR
INFORMATION**

Question No. TIEC 11-8:

Regarding the proposed charge for synchronized Self Generation Load:

- a. Please provide workpapers showing the derivation of the proposed charge.
- b. Please provide workpapers showing the derivation of the billing determinants.
- c. Please state the amount of behind-the-meter load included in the class cost-of-service study.

Response No. TIEC 11-8:

- a. Please see the filed Schedule Q-7 Proof of Revenue, electronic version, tab SBMA, for the calculation of the synchronized self-generation transmission charge.
- b. The billing determinants associated with derivation of the synchronized self-generation charge are the non-coincident peak NCP demands for the total commercial and industrial class as shown in the filed class cost-of-service study, Schedule P.
- c. Please see SWEPCO's response to TIEC 11-2(a) for the behind-the-meter load included in SWEPCO's SPP load ratio share and directly assigned to the Texas jurisdiction in the test year.

Prepared By: Earlyne T. Reynolds

Title: Reg Pricing & Analysis Mgr

Sponsored By: Jennifer L. Jackson

Title: Reg Pricing & Analysis Mgr

Sponsored By: John O. Aaron

Title: Dir Reg Pricing & Analysis